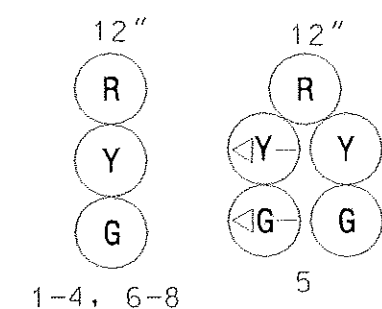
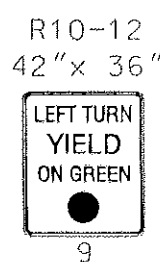


MD 152 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

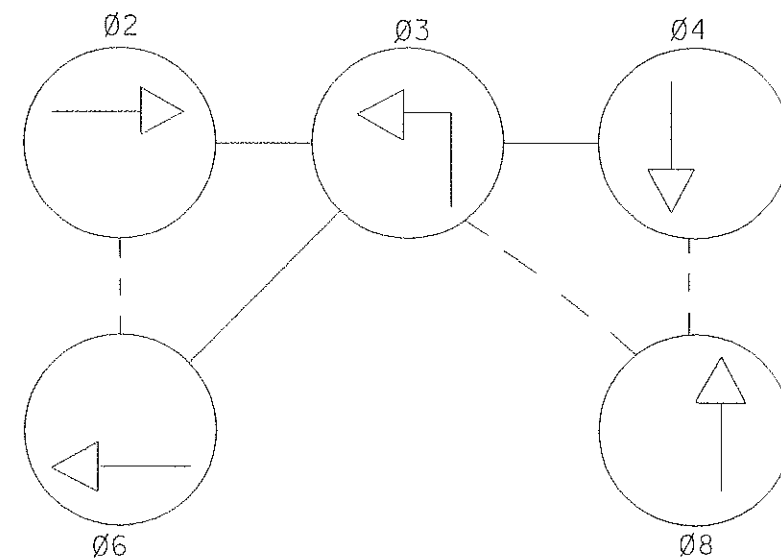
EXISTING SIGNALS



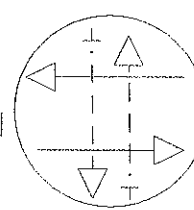
EXISTING SIGNS



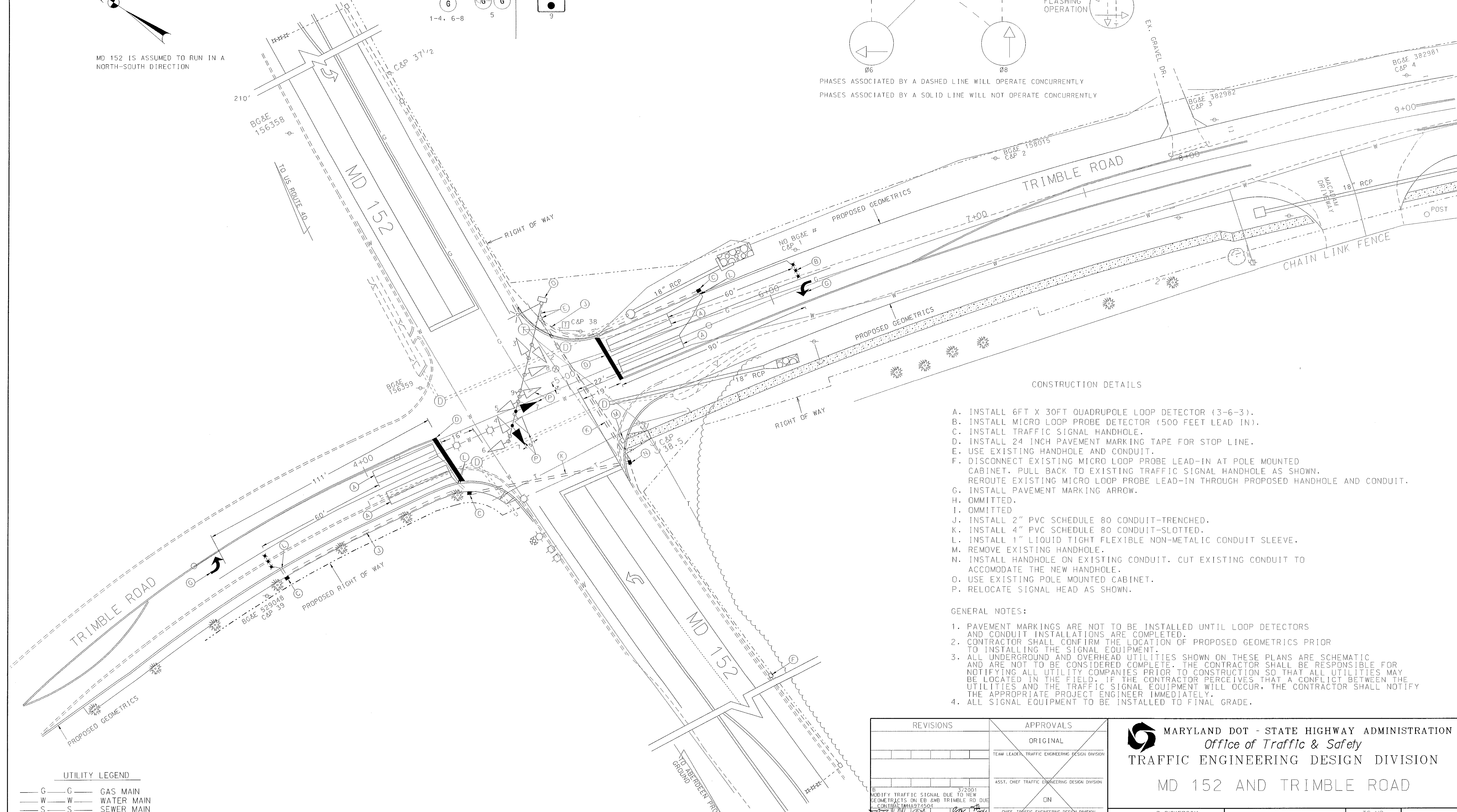
NEMA PHASING



FLASHING OPERATION



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- INSTALL 6FT X 30FT QUADRUPOLE LOOP DETECTOR (3-6-3).
- INSTALL MICRO LOOP PROBE DETECTOR (500 FEET LEAD IN).
- INSTALL TRAFFIC SIGNAL HANDHOLE.
- INSTALL 24 INCH PAVEMENT MARKING TAPE FOR STOP LINE.
- USE EXISTING HANDHOLE AND CONDUIT.
- DISCONNECT EXISTING MICRO LOOP PROBE LEAD-IN AT POLE MOUNTED CABINET. PULL BACK TO EXISTING TRAFFIC SIGNAL HANDHOLE AS SHOWN. REROUTE EXISTING MICRO LOOP PROBE LEAD-IN THROUGH PROPOSED HANDHOLE AND CONDUIT.
- INSTALL PAVEMENT MARKING ARROW.
- OMMITTED.
- OMMITTED.
- INSTALL 2" PVC SCHEDULE 80 CONDUIT-TRENCHED.
- INSTALL 4" PVC SCHEDULE 80 CONDUIT-SLOTTED.
- INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALIC CONDUIT SLEEVE.
- REMOVE EXISTING HANDHOLE.
- INSTALL HANDHOLE ON EXISTING CONDUIT. CUT EXISTING CONDUIT TO ACCOMMODATE THE NEW HANDHOLE.
- USE EXISTING POLE MOUNTED CABINET.
- RELOCATE SIGNAL HEAD AS SHOWN.

GENERAL NOTES:

- PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATIONS ARE COMPLETED.
- CONTRACTOR SHALL CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO INSTALLING THE SIGNAL EQUIPMENT.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
- ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.

UTILITY LEGEND

- G — GAS MAIN
- W — WATER MAIN
- S — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- T — TELEPHONE CABLES

REVISIONS		APPROVALS	
		ORIGINAL	
		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		ON	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		FILE	
		DIRECTOR, TRAFFIC & SAFETY	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 152 AND TRIMBLE ROAD

DRAWN BY: D. DICKERSON	F.A.P. NO. 0W334m83	TS NO. 2639 B	SHEET NO. 1 OF 2
CHECKED BY:	S.H.A. NO. HARFORD	T.I.M.S. NO. E-375	
SCALE: 1" = 20'	COUNTY: HARFORD		
DATE: 5/90	LOG MILE: 1201520.98		